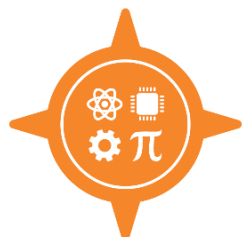


GUIDED PATHWAY: NETWORKING ASSOCIATE CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Computer Information Technology webpage](http://www.dcccd.edu/cit) [www.dcccd.edu/cit] and your academic advisor at the EI Centro Campus.

This is an example course sequence for students interested in pursuing the Networking Associate Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Networking Associate Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

This certificate option will provide education and training for individuals interested in developing their knowledge and skills as networking professionals with an emphasis on preparation for those wishing to take the CCNA certification examination. Courses that complete the Networking Associate Certificate, and the Cisco Networking Intern (IA) and Cisco Networking Assistant (NA) Skills Achievement Awards are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	May be Exempt	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

CERTIFICATE MINIMUM: 16 SEMESTER CREDIT HOURS

PROGRAM SPECIFIC REQUIREMENTS

If needed, complete one:

ITSC 1401

BCIS 1405

COSC 1301

Or equivalent experience approved by designated Information Technology personnel.

SEMESTER 1

Total Hours: 8

[ITCC 1414](#) – CCNA 1: Introduction to Networks (*Course also applies to IA*)

[ITCC 1440](#) – CCNA 2: Routing & Switching Essentials (*Course also applies to IA*)

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing in preparing for job search.
3. Meet with your advisor to apply for the Cisco Networking Intern Skills Achievement Award.

SEMESTER 2

Total Hours: 8

[ITCC 2412](#) – CCNA 3: Scaling Networks (*Course also applies to NA*)

[ITCC 2413](#) – CCNA 4: Connecting Networks (*Course also applies to NA*)

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to apply for the Cisco Networking Assistant Skills Achievement Award and Networking Associate Certificate.

PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS